

Fig. 1A

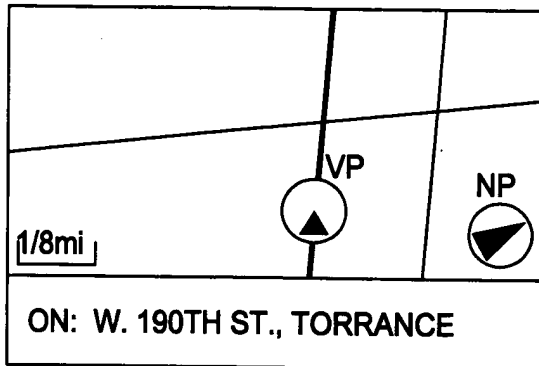


Fig. 1B

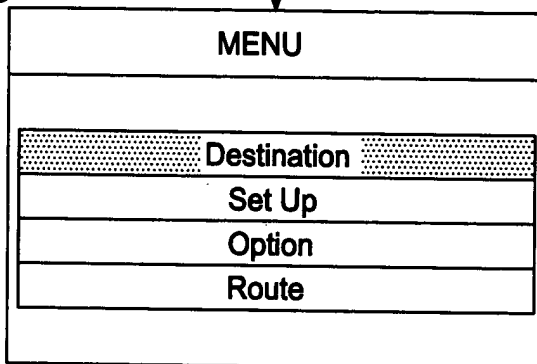


Fig. 1C

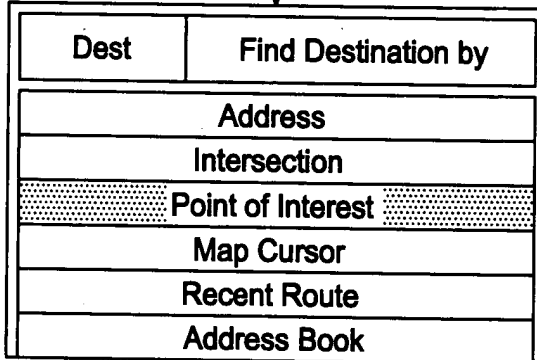


Fig. 1D

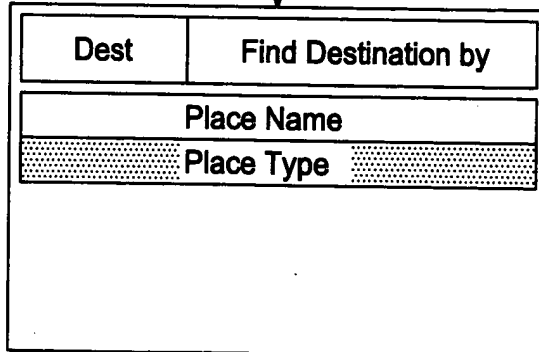


Fig. 1E

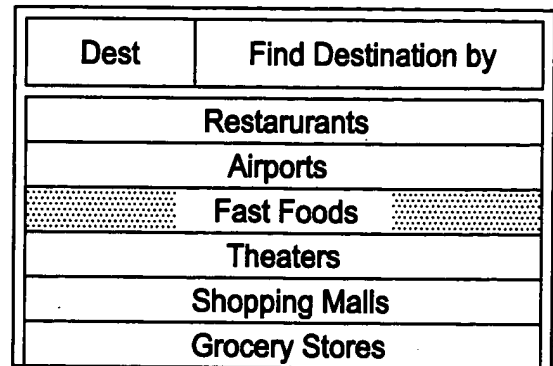


Fig. 1F

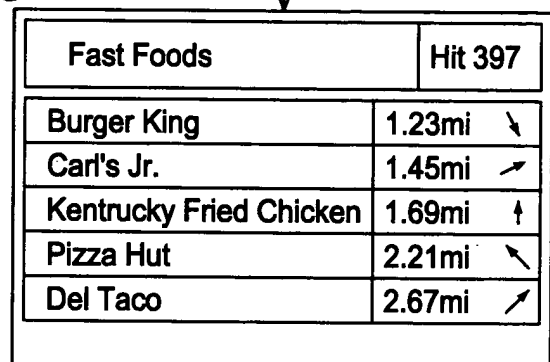


Fig. 1G

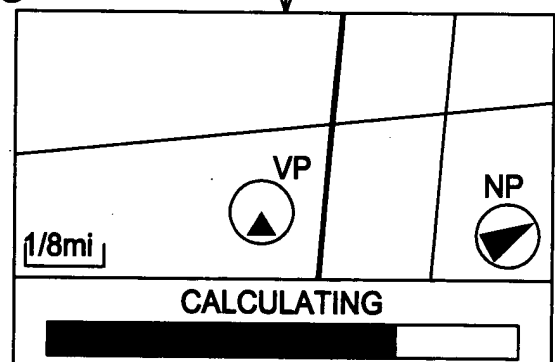


Fig. 1H

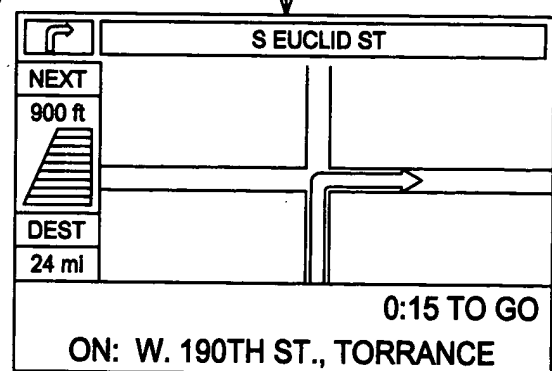


Fig. 2

Dest	Select Place Name	
9	Wendy's	1.2mi ↗
	McDonald's	1.3mi ↘
9	Taco Bell	1.7mi ↙
	Sam Woo Restaurant	2.3mi ↑
9	Citylight Hamberger	2.5mi ↗
9	Joe's Barbecue	3.2mi ↘

Fig. 3

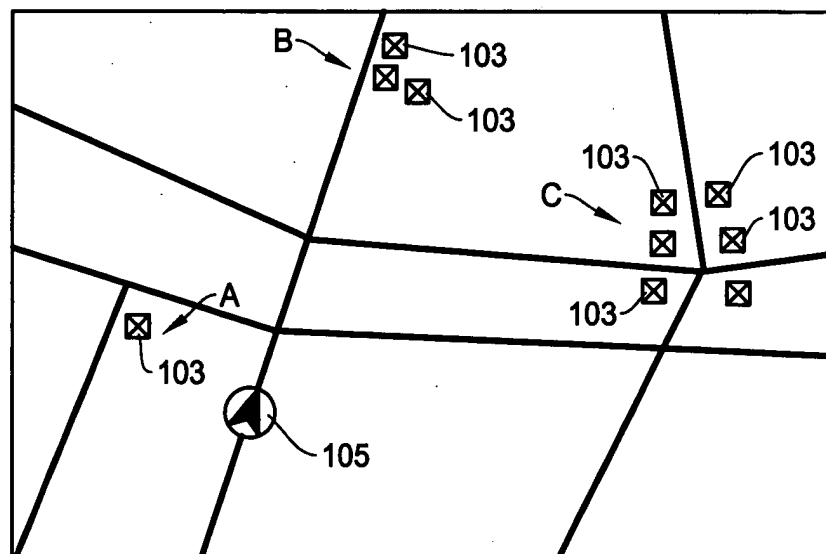


Fig. 4

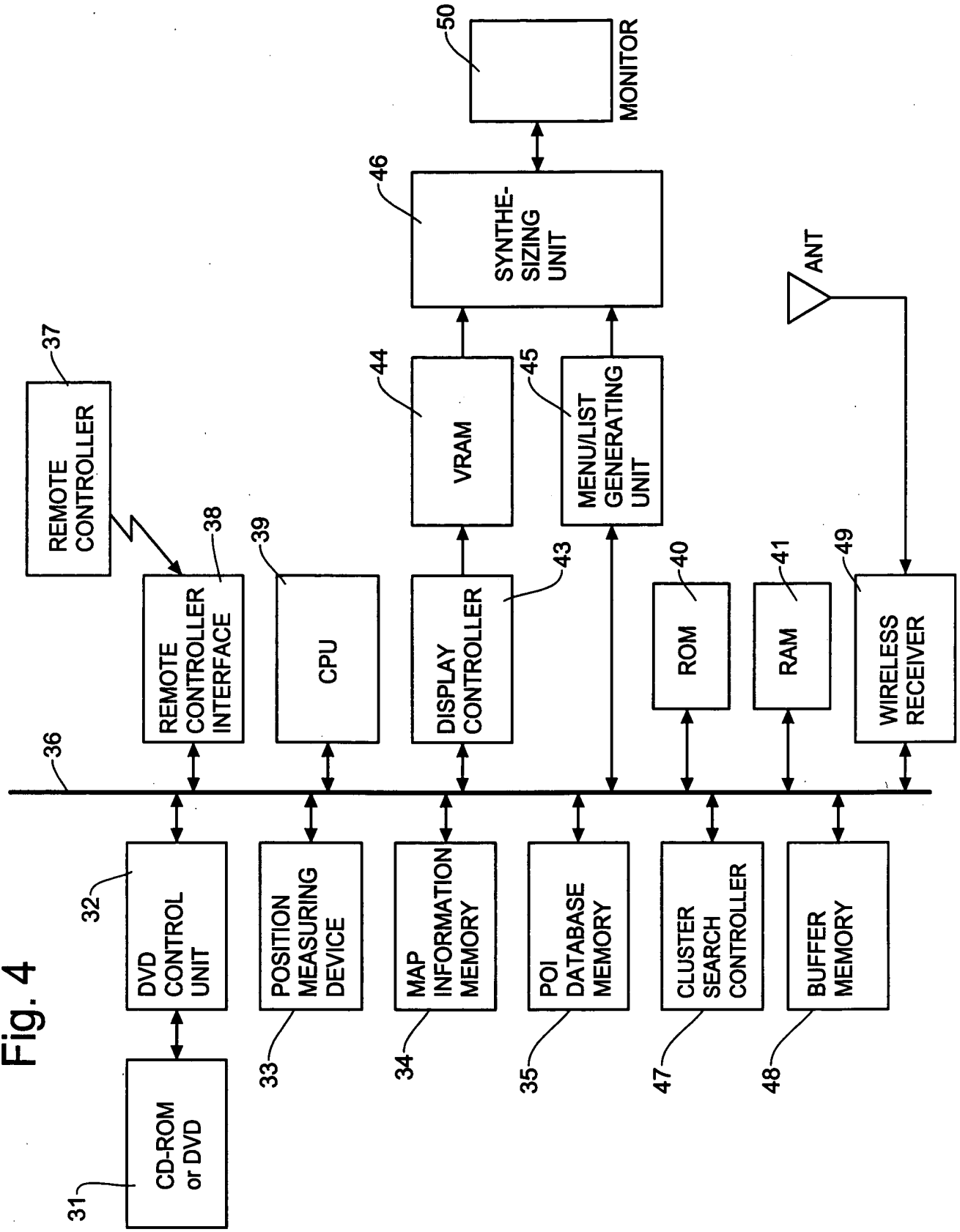


Fig. 5

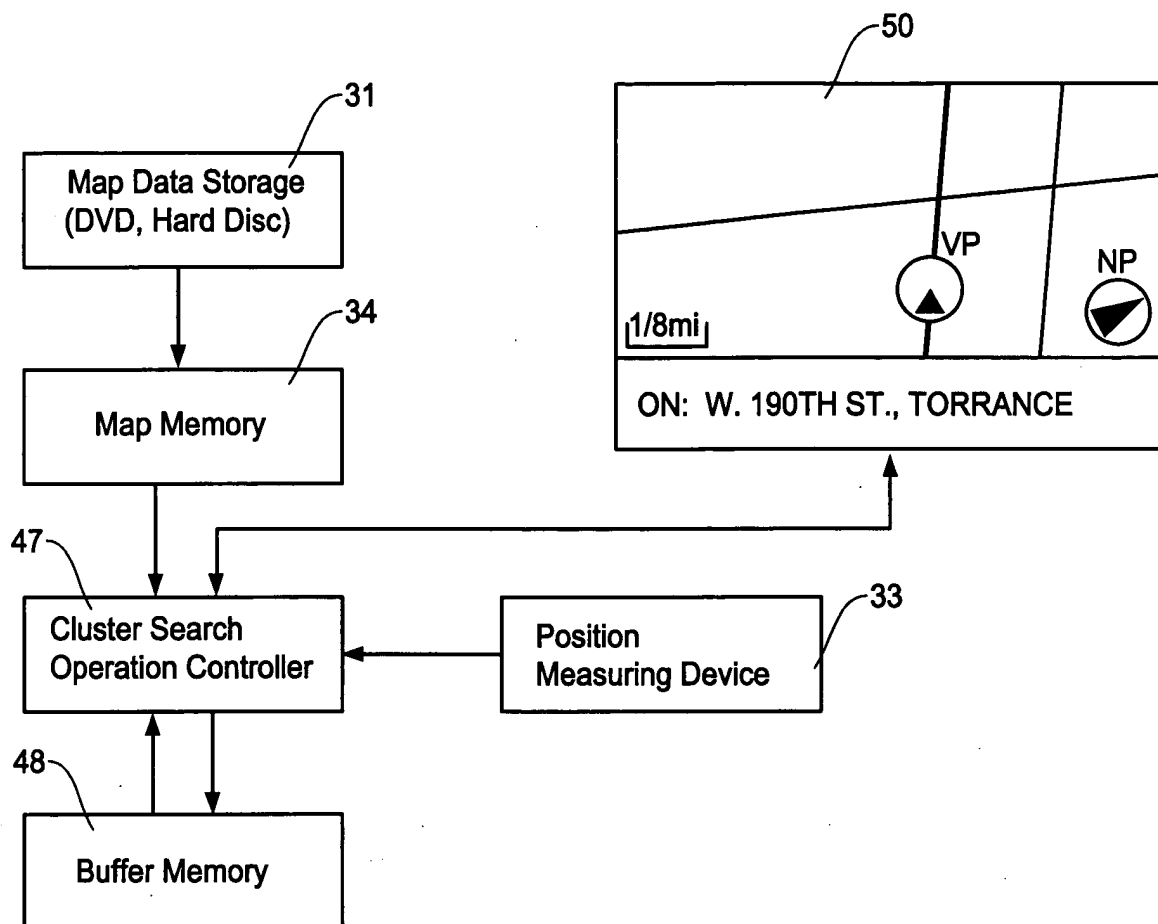


Fig. 6

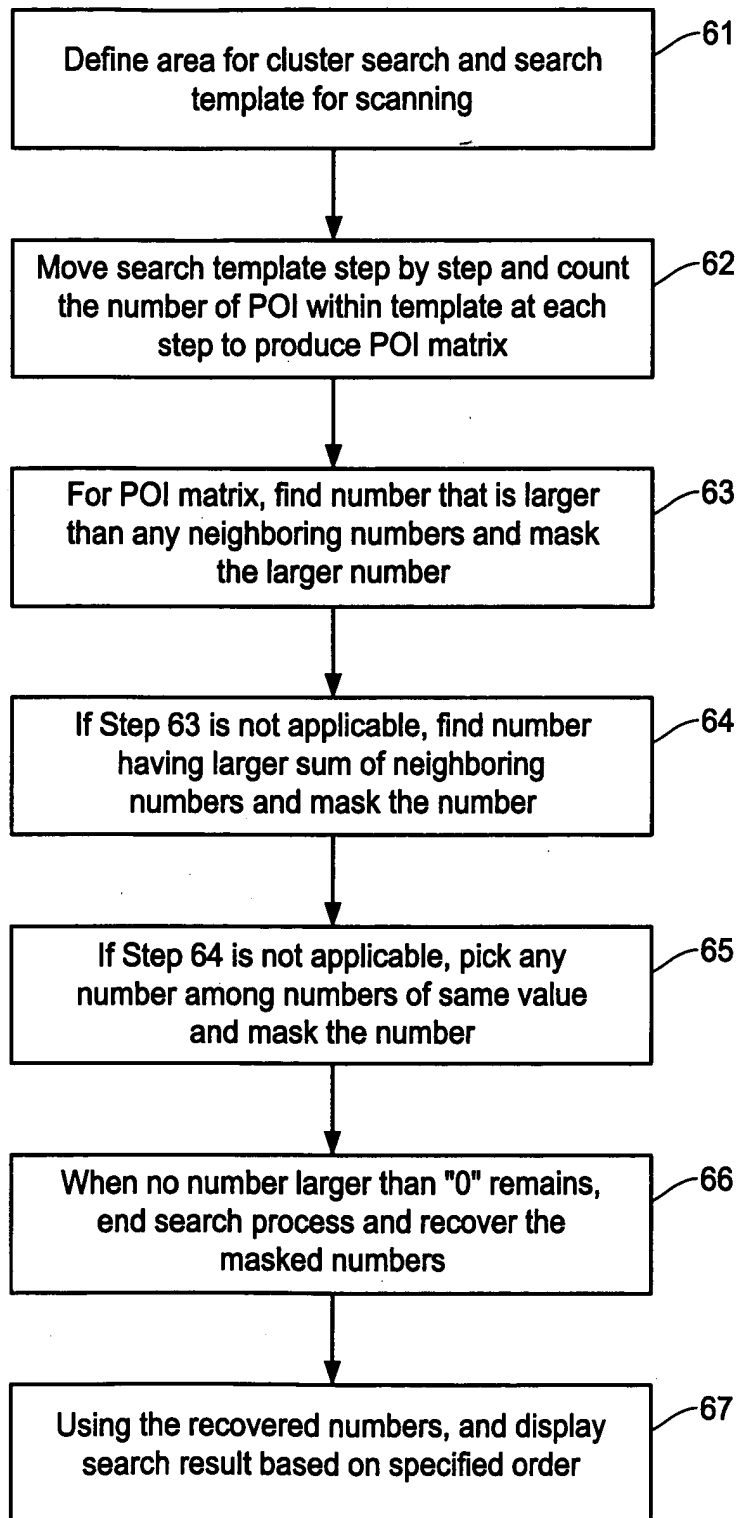


Fig. 7A

Dest	Select Place Type	Cluster Search
<div>Restaurants</div> <div>Airports</div> <div>Fast Foods</div> <div>Theaters</div> <div>Shopping Malls</div> <div>Grocery Stores</div>		

Fig. 7B

Fast Food Restaurants		Cluster Search
Cluster Center Place	Cluster Size	Distance Direction
Taco Bell	14	1.7mi ↗
Wendy's	13	3.3mi ↘
McDonald's	12	1.3mi ↙
Sam Woo Restaurant	9	2.3mi ↑
Citylight Hamberger	5	1.9mi ↗
Joe's Barbecue	3	3.2mi ↘

Fig. 8A

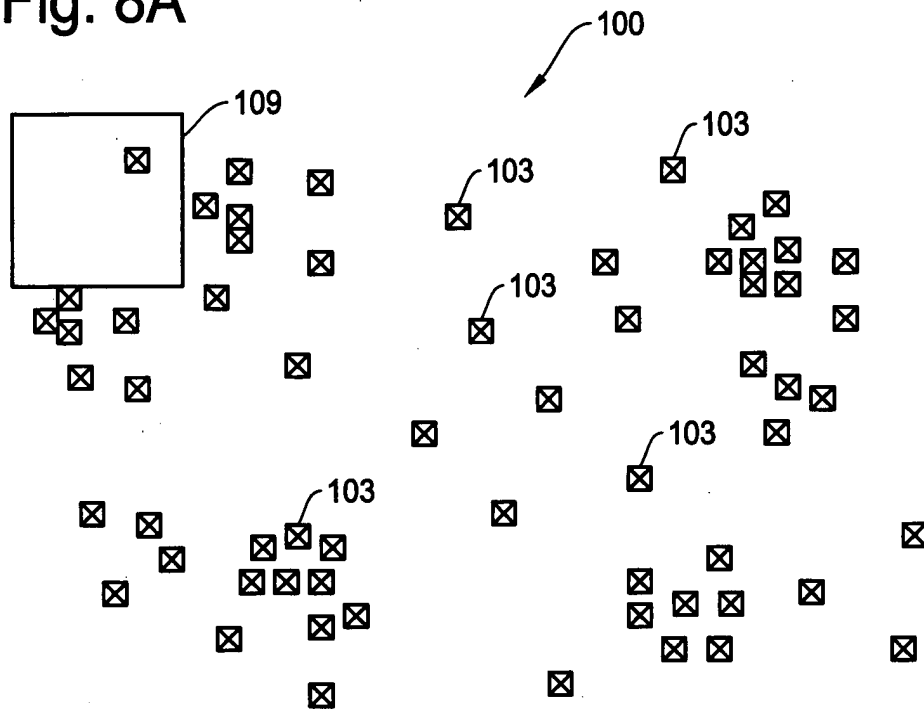


Fig. 8B

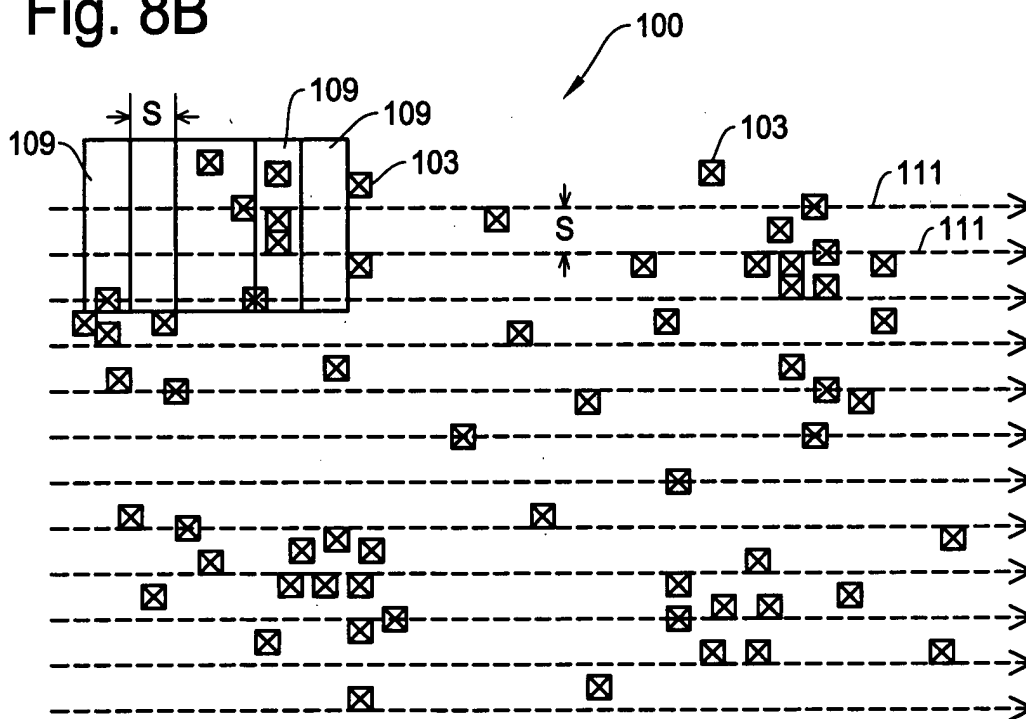


Fig. 9A

100

1	1	2	3	1	2	2	1	1	0	1	2	1	1
2	1	1	2	2	1	2	1	0	3	5	4	3	2
3	2	3	3	5	2	1	1	0	0	3	4	2	1
1	2	2	2	2	1	1	0	0	0	1	2	1	0
2	3	5	1	1	1	0	0	0	0	0	1	0	0
1	2	2	1	1	1	1	0	0	0	1	2	1	0

Fig. 9B

100

1	1	2	3	1	2	2	1	1	0	1	2	1	1
2	1	1	2	2	1	2	1	0	3	5	4	3	2
3	2	3	3	5	2	1	1	0	0	3	4	2	1
1	2	2	2	2	1	1	0	0	0	1	2	1	0
2	3	5	1	1	1	0	0	0	0	0	1	0	0
1	2	2	1	1	1	1	0	0	0	1	2	1	0

209(1) 209(2) 209(3) 209(5) 209(6)

Fig. 9C

100

1	1	-	X	-	2	2	1	1	-	-	-	1	1
-	-	-	-	-	1	2	1	0	-	X	-	3	2
X	-	3	-	X	-	1	1	0	-	-	-	2	1
-	-	-	-	-	-	1	0	0	0	1	2	1	0
2	-	X	-	1	1	0	0	0	0	-	-	-	0
1	-	-	-	1	1	1	0	0	0	-	X	-	0

Fig. 9D

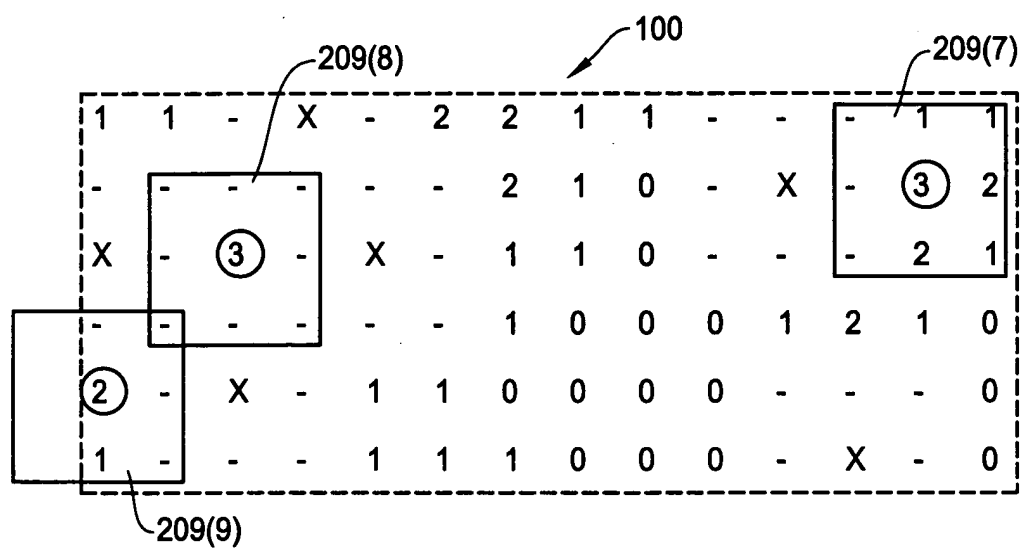


Fig. 9E

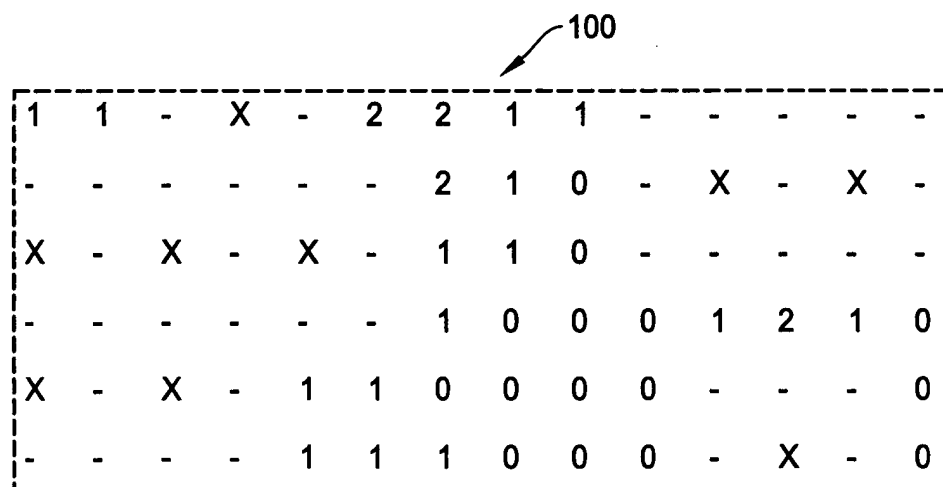


Fig. 9F

100

1	1	-	X	-	2	2	1	1	-	-	-	-	-
-	-	-	-	-	-	2	1	0	-	X	-	X	-
X	-	X	-	X	-	1	1	0	-	-	-	-	-
-	-	-	-	-	-	1	0	0	0	1	2	1	0
X	-	X	-	1	1	0	0	0	0	-	-	-	0
-	-	-	-	1	1	1	0	0	0	-	X	-	0

209

Fig. 9G

100

1	1	-	X	-	2	2	1	1	-	-	-	-	-
-	-	-	-	-	-	2	1	0	-	X	-	X	-
X	-	X	-	X	-	1	1	0	-	-	-	-	-
-	-	-	-	-	-	1	0	0	0	-	X	-	0
X	-	X	-	1	1	0	0	0	0	-	-	-	0
-	-	-	-	1	1	1	0	0	0	-	X	-	0

Fig. 9H

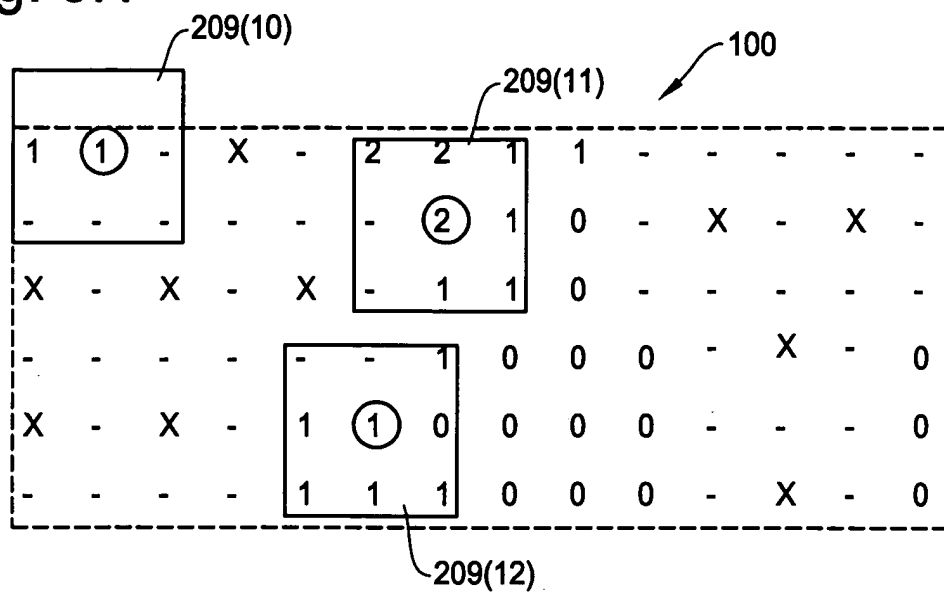


Fig. 9I

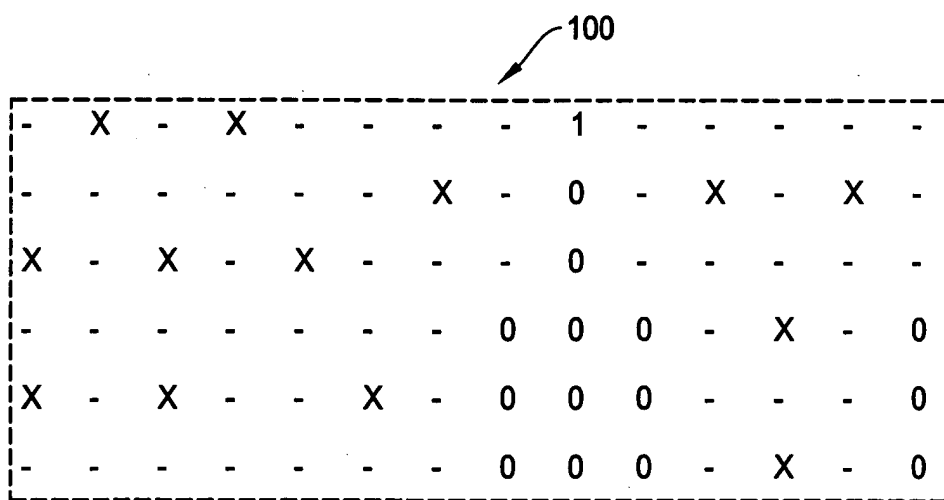


Fig. 9J

209

100

-	X	-	X	-	-	-	-	(1)	-	-	-	-	-
-	-	-	-	-	-	X	-	0	-	X	-	X	-
X	-	X	-	X	-	-	-	0	-	-	-	-	-
-	-	-	-	-	-	-	0	0	0	-	X	-	0
X	-	X	-	-	X	-	0	0	0	-	-	-	0
-	-	-	-	-	-	-	0	0	0	-	X	-	0

Fig. 9K

100

-	X	-	X	-	-	-	-	X	-	-	-	-	-
-	-	-	-	-	-	X	-	-	-	X	-	X	-
X	-	X	-	X	-	-	-	0	-	-	-	-	-
-	-	-	-	-	-	-	0	0	0	-	X	-	0
X	-	X	-	-	X	-	0	0	0	-	-	-	0
-	-	-	-	-	-	-	0	0	0	-	X	-	0

Fig. 9L

100

-	1	-	3	-	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	2	-	-	-	5	-	3	-
3	-	3	-	5	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	2	-	-
2	-	5	-	-	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	2	-	-

Fig. 9M

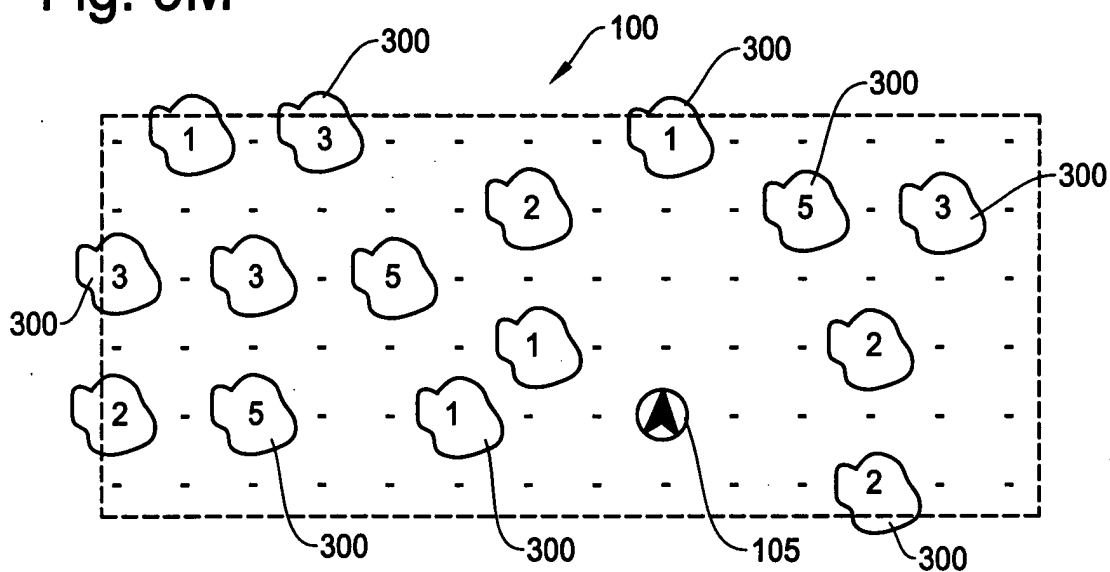


Fig. 10A

Fast Food Restaurants			Cluster Search	
Cluster Center Place		Cluster Size	Distance	Direction
1	Taco Bell	14	1.7mi	↗
2	Wendy's	13	3.3mi	↖
3	McDonald's	12	1.3mi	↙
4	Sam Woo Restaurant	9	2.3mi	↑
5	Citylight Hamberger	5	1.9mi	↗
6	Joe's Barbecue	3	3.2mi	↘
List Within Cluster			View on Map	

Fig. 10B

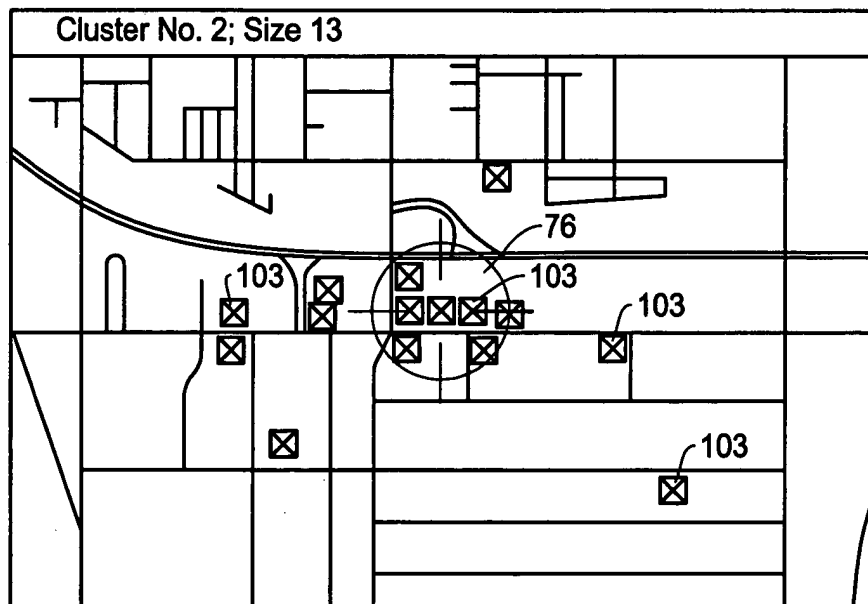


Fig. 11A

Fast Food Restaurants			Cluster Search	
Cluster Center Place		Cluster Size	Distance Direction	
1	Taco Bell	14	1.7mi	↗
2	Wendy's	13	3.3mi	↘
3	McDonald's	12	1.3mi	↖
4	Sam Woo Restaurant	9	2.3mi	↑
5	Citylight Hamberger	5	1.9mi	↗
6	Joe's Barbecue	3	3.2mi	↘
List Within Cluster			View on Map	

Fig. 11B

Cluster No. 2: Size 13		
	Distance from Center	Direction
Wendy's	0.0mi	↗
KK Stakehouse	0.1mi	↘
Tip Top Pretzel	0.1mi	↖
McDonald's	0.2mi	↑
KFC	0.3mi	↗
Dunkin Donuts	0.4mi	↘

Fig. 12A

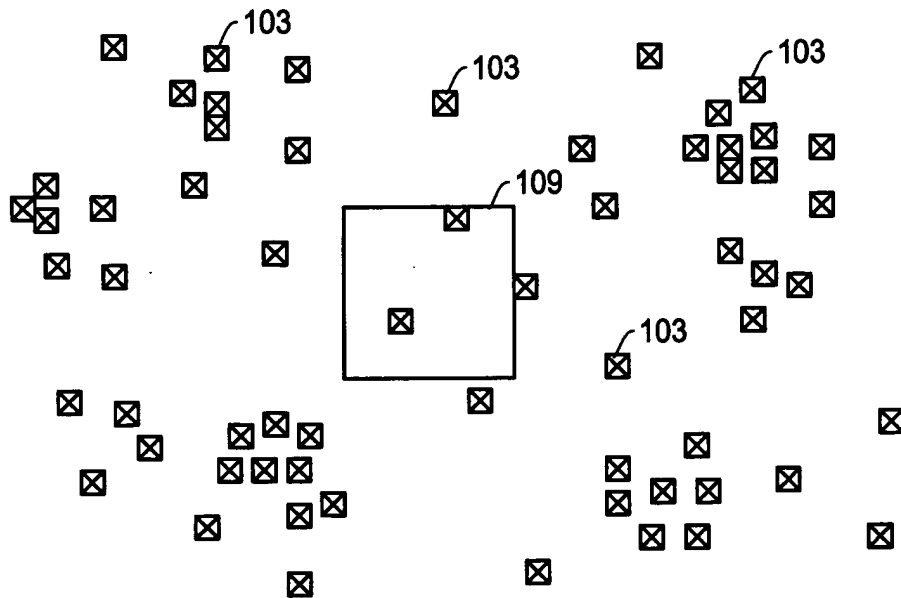


Fig. 12B

